



DMR-NERR RESOURCE SPECIALIST IV

CHARACTERISTICS OF WORK:

This is advanced senior level scientific and educational work with responsibility for providing expertise in the areas of National Estuarine Research Reserve (NERR) system. The work may include research and monitoring, education and stewardship activities, and it is frequently conducted in conjunction with National Oceanic and Atmospheric Administration's (NOAA) Estuarine Reserves Division and other coastal states. This classification requires the ability to work with local, state, and federal partners to protect and preserve the estuarine land and waters or the reserve; to educate citizens in awareness and understanding of the estuary and coastal management issues; to offer education for citizens and training programs for professionals who make decisions about coastal resources on a regular basis such as planners, conservation council members, resource managers and community leaders; to conduct research projects to gain a more informed understanding of local flora and fauna and the ecological processes associated estuarine systems' and to implement management strategies to protect and enhance coastal wetlands. Incumbents in this classification may provide functional supervision and lower level professional scientists, providing necessary training and may functionally supervise specific projects. The duties are performed using considerable independent judgment and discretion under the general supervision of the NERR Manager or other higher level NERR Resource Specialist. Work is reviewed through periodic meetings and performance management appraisals.

Persons in this job classification can be generalist or specialist in the area of Research and Stewardship or Education and Training.

MINIMUM QUALIFICATIONS:

These minimum qualifications have been agreed upon by Subject Matter Experts (SMEs) in this job class and are based upon a job analysis and the essential functions. However, if a candidate believes he/she is qualified for the job although he/she does not have the minimum qualifications set forth below, he/she may request special consideration through substitution of related education and experience, demonstrating the ability to perform the essential functions of the position. Any request to substitute related education or experience for minimum qualifications must be addressed to the State Personnel Board in writing, identifying the related education and experience which demonstrates the candidate's ability to perform all essential functions of the position.

EXPERIENCE/EDUCATIONAL REQUIREMENTS:

Education:

A Master's Degree from an accredited four-year college or university in biology, marine science, land use planning, coastal management, environmental policy, botany, geology, geography, ecology, environmental science, environmental education, forestry, wildlife management/biology, or a related field;

AND

Experience:

Two (2) years experience related to the described duties.

OR

Education:

A Bachelor's Degree from an accredited four-year college or university in biology, marine science, land use planning, coastal management, environmental policy, botany, geology, geography, ecology, environmental education, forestry, wildlife management/biology, or a related field;

AND

Experience:

Three (3) years experience related to the described duties.

OR

Experience:

One (1) year experience as a DMR-NERR Resource Specialist III.

Substitution:

Above graduation from a standard four-year college or university, related education, and related experience may be substituted on an equal basis.

EXAMPLES OF WORK:

Examples of work performed in this classification include, but are not limited to, the following:

Stewardship and Research Specialty:

Facilitates research with other organizations and NERR partners.

Operates, calibrates, maintains, and repairs monitoring and analysis equipment.

Conducts surveys on invasive species and maps results.

Conducts shoreline erosion studies, develops maps, and records data.

Writes grants for research projects; organizes, leads and monitors grants and projects.

Manages GIS data, including spatial information and databases.

Performs quality control and quality assurance for water quality, nutrient, and meteorological datasets and writes accompanying metadata.

Processes and identifies biological samples and maintains data bases of information.

Education and Training Specialty:

Conducts market analysis, writes market analysis, meets assessments marketing, and program strategy reports.

Conducts formal and informal needs assessments.

Writes grants for education and training projects; organizes and leads projects, as directed.

Develops and maintains website.

Facilitates planning meetings with sponsors and speakers.

Coordinates site selection trips with local researchers for field-based workshops.

Prepares for training workshops, develops materials, obtains facilities and catering, registers participants, coordinates speakers and activities, and develops evaluations.

Presents scientific and technical data to various groups through presentation, papers, posters, workshops and field trips.

Tracks evaluation data, monitors evaluation data and reports outcome.

Utilizes and maintains audio-visual equipment.

Delivers presentations to large and small community organizations and school groups.

Generalist:

Operates and assists in maintaining state owned boats and motor vehicles used at the NERR.

Communicates with other NERR staff, contractors, and other stakeholders in order to stay current on all projects, programs, and related information.

Provides functional supervision over volunteers.

May perform some or all of the above described duties and performs other duties, as assigned.

INTERVIEW REQUIREMENTS:

Any candidate who is called to an agency for an interview must notify the interviewing agency in writing of any reasonable accommodation needed prior to the date of the interview.